- 29. The system of claim 28 wherein the twisted pair represents the wiring ordinarily used to distribute plain old telephone service via the lower data transmission rate throughout the premises.
- 30. The system of claim 27 wherein the wireless system operates at a frequency of approximately 900 Megahertz (MHz).
- The system of claim 27 wherein the wireless system facilitates communication with a voice telephone via the communications trunk.
- 32. The system of claim 27 wherein the lower data transmission rate channel comprises at least one voice-band signal associated with plain old telephone service.
- 3. The system of claim 27 wherein the wireless system carries a digital signal as the lower data transmission rate channel.
- 34. The system of claim 27 wherein the data rate of the lower data transmission rate channel is approximately 128 kilobits per second (Kbps).
- 35. The system of claim 27 wherein the lower data rate transmission channel comprises digital data transmitted at about a 64 (kilobits per second) Kbps.
- 36. The system of claim 27 wherein the wireless system provides the lower data transmission rate channel to an electronic home appliance.
- The system of claim 27 wherein the wireless system further comprises:

 a wireless controller in communication with the splitter to transmit the lower data transmission rate channel; and
- a receiver in communication with the wireless controller to receive the lower data rate transmission channel transmitted by the wireless controller.
- 38. (amended) The system of claim 27 wherein the integral transmission line associated with a modem for interfacing a digital subscriber line.

- 39. (amended) The system of claim 27 wherein the integral transmission line is associated with a routing switch for distributing the higher data rate channel to a plurality of computer peripherals.
- (amended) The system of claim 27 wherein the communications trunk comprises a local loop affiliated with a central switching office.
- (amended) The system of claim 40 wherein the local loop comprises a high-speed asymmetric digital subscriber line.
- The system of claim wherein the local loop comprises a wireless local loop system for carrying the higher transmission rate channel and plain old telephone service on the lower data transmission rate channel.
- (amended) The system of claim 40 wherein the local loop comprises a wireless local loop system carrying plain old telephone service as the lower data transmission rate channel and high-speed digital data as the higher data transmission rate channel.
 - (amended) The information system of claim 27 further comprising:

a switch connected between the wireless system and the integral transmission line, wherein the switch provides the lower data transmission rate channel on the integral transmission line upon the detection of a power outage.

46. (amended) The system of claim 27 wherein the switch is connected to an alternating current power supply of the premises to detect a loss of power at the premises and provides lower data transmission rate channel on the wireline distribution system in the event of a power failure.

REMARKS

Claims 27-45 are presently pending in the application.